

Abstract

To provide a semiconductor device characterized in that: a decoupling capacitor can be increased; noise generated from an electric power supply can be effectively absorbed; and a stable operation of a circuit can be realized.

Irrespective of whether or not a region is close to a power supply wiring or a ground wiring, MOS is spread all over a spare area of a chip and connected to a power supply wiring and ground wiring by utilizing a wiring layer and diffusion layer.